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The situation in the Middle East

Security Council
Sixty-fifth year

Identical letters dated 1 November 2010 from the Chargé d'affaires a.i. of the Permanent Mission of Lebanon to the United Nations addressed to the Secretary-General and the President of the Security Council

On instructions from my Government, I transmit to you herewith a statistical summary of Israeli violations of Security Council resolution 1701 (2006) committed during the month of September 2010 (see annex).

I should be grateful if you would have this letter and its annex circulated as a document of the sixty-fifth session of the General Assembly, under agenda item 36, and of the Security Council.

(*Signed*) Caroline **Ziade**
Chargé d'affaires a.i.

10-65414 (E) 301110 091210

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Annex to the identical letters dated 1 November 2010 from the Chargé d'affaires a.i. of the Permanent Mission of Lebanon to the United Nations addressed to the Secretary-General and the President of the Security Council

Land violations

Date	*Time*	*Type of violation*
1 September	1130	An Israeli enemy patrol opposite the Fatimah Gate trained weapons on personnel at the Lebanese Army observation post located in the Fatimah Gate garden.
	Various	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on its soldiers missing in Lebanon.
	1630	Members of an Israeli enemy patrol halted near point B85 (Kafr Kila) and photographed activities taking place on the Lebanese side.
	2220	From its *ghayn*-13 position (Tall Murad — North Hanita), the Israeli enemy trained a searchlight on the Lebanese Army Lahlah position for a 10-second period.
	2324	An Israeli enemy patrol opposite the town of Kafr Kila trained a searchlight on the technical fence and a house south of the Lebanese Army position in the town for a 10-second period.
2 September	1625	Members of an Israeli enemy patrol halted near point B85 (Kafr Kila) and photographed activities taking place on the Lebanese side.
4 September	1200	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on the Israeli airman Ron Arad.
5 September	2300	While moving from point *shin*-33 to point *shin*-35, members of an Israeli enemy patrol insulted personnel manning the Lebanese Army observation post at the Fatimah Gate, this within the sight and hearing of personnel of the United Nations Interim Force in Lebanon (UNIFIL).
7 September	1000	The Israeli enemy hacked into the signal of the 11th infantry brigade (Company 1112) in Muhaybib, where a five-minute conversation in Hebrew was heard.
11 September	0805 0926	Israeli civilians dumped soil in the Lebanese part of the occupied town of Ghajar. This debris has slid down into liberated Lebanese territory, reaching as far as the SD1 roads.

Date	*Time*	*Type of violation*
12 September	2210	The Israeli enemy directed a barrage of medium-weapons fire at Lebanese territory opposite the Lebanese Army Tall Ghabayin position on the outskirts of Duhairah and shone a searchlight on the position's observation tower for a 10-second period.
13 September	1100 1200	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on Israeli soldiers missing in Lebanon.
	1835	Members of an Israeli enemy patrol opposite the town of Duhairah made obscene gestures at personnel manning the Lebanese Army Ghabayin position.
14 September	2015	The Israeli enemy directed a laser beam from the town of Ghajar, near the soil perimeter opposite the Wazzani pump position, at a member of the Lebanese Army who was at that position.
15 September	Various	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on its soldiers missing in Lebanon.
	1140	A member of an Israeli enemy patrol directed laser beams from the *zay*-4 position at a member of the Lebanese Army who was at the Maysat position.
	0150	An Israeli enemy patrol trained a searchlight on Lebanese territory from position *ghayn*-20, opposite the Lebanese Army Ghabayin position, for a 10-second period.
16 September	1201	The Israeli enemy trained a Merkava tank gun on a patrol from a team of international monitors near point BP23, opposite Malkiyah town.
20 September	1935	Israeli enemy forces opposite the Lebanese Army Tall Ghabayin position on the outskirts of Duhairah fired approximately 12 rounds over Lebanese territory at soldiers who were fortifying the position.
21 September	1240	While moving from the East Hatina 2 *ghayn*-15 position to the East Hatina 1 *ghayn*-14 position, members of an Israeli enemy forces' patrol monitored UNIFIL activities inside Lebanese territory at the Lebanese Army Lahlah position.
	1825	An Israeli enemy tank positioned itself behind the Rami position at point *ghayn*-22 (Tall Manarah) and trained its gun on the town of Duhairah, about 500 metres away from the Lebanese Army Bustan position.
22 September	1250	Members of an Israeli enemy patrol halted at point B23 adjacent to the town of Marwahin and took photographs of Lebanese territory.

Date	*Time*	*Type of violation*
23 September	1235	Two Israeli enemy tanks positioned themselves near the Jabal al-Summaqah *zay*-17 position and trained their guns on Lebanese territory.
25 September	1459	Israeli enemy personnel took up defence positions and trained weapons on a patrol of international monitors near point B44 (Rumaysh).
27 September	0245	The Israeli enemy trained a searchlight on Lebanese territory four times in succession at point *ghayn*-2 (East Naqurah).
	1050	One member of an Israeli enemy patrol opposite the town of Duhairah trained a 12.7-mm machine gun on Tall Ghabayin and another trained binoculars on a member of the Lebanese Army.
	Various	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on its soldiers missing in Lebanon.
28 September	1600	The Israeli enemy hacked into the cellular telephone network and sent out recorded messages offering a sum of US$ 10 million for information on its soldiers missing in Lebanon.
30 September	0020	The Israeli enemy trained a searchlight on Ra's Naqurah for a 15-minute period.
	0855	Four Israeli enemy personnel opposite the Lebanese Army checkpoint in the town of Udaysah hurled insults at the checkpoint commander and then left.

Sea violations

Date	*Time*	*Type of violation*
3 September	2345	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters off Ra's Naqurah for a 10-second period.
4 September	2250	An Israeli enemy gunboat four times trained a searchlight on Lebanese territorial waters for a five-second period.
8 September	2305	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a five-second period.
9 September	0445 0450	An Israeli enemy gunboat twice trained a searchlight on Lebanese territorial waters for a 10-second period each time.
10 September	0520	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a five-second period.

Date	*Time*	*Type of violation*
18 September	2210	Two Israeli enemy gunboats circled around buoy No. 3 for one minute, with the enemy carrying out buoy maintenance for an indeterminate period.
19 September	0250 0255	An Israeli enemy gunboat four times trained a searchlight on Lebanese territorial waters for a 10-second period each time.
24 September	1945	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a five-second period.
	0310	An Israeli enemy gunboat fired five shots at a Lebanese fishing boat inside Lebanese territorial waters.
25 September	2045	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a five-second period.
27 September	2035 2100	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters in five phases of five seconds each.
29 September	2005	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a four-second period.
	2319	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters for a four-second period.
30 September	2207	An Israeli enemy gunboat trained a searchlight on Lebanese territorial waters and the Lebanese coast at Ra's Naqurah for a four-second period.

Air violations

Date	*Time*	*Type of violation*
1 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0322 hours.
	0948	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2359 hours.
	1059	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1733 hours.
	1100	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1554 hours.
	1519	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1525 hours.

Date	*Time*	*Type of violation*
	1525	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1542 hours.
	1735	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1755 hours.
	1743	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1805 hours
	1744	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1841 hours
2 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0323 hours.
	0905	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1512 hours.
	0910	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north and circled over the South before leaving at 1410 hours over Rumaysh.
	1118	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1344 hours.
	1943	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1949 hours.
	2015	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2020 hours.
	2115	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north and circled over the South before leaving at 1530 hours over Naqurah.
	2245	Two Israeli enemy Bombardiers were seen over the towns of Hawr Ta'ala and Brital.
3 September	0852	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1745 hours.
	0934	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2359 hours.
	1723	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2206 hours.
	2148	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2359 hours.
4 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0033 hours.

Date	*Time*	*Type of violation*
	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0911 hours.
	0350	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b, and circled over the South before leaving at 0915 hours over Alma al-Sha'b.
	0843	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0918 hours.
5 September	0650	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1103 hours.
	0658	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1811 hours.
	0705	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1750 hours.
	0711	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1214 hours.
	0815	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north and circled over the South before leaving at 1820 hours over Rumaysh.
	0820	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b. It proceeded north and circled over the South before leaving at 1210 hours over Rumaysh.
	0850	Four Israeli enemy warplanes violated Lebanese airspace, entering over the sea off Jubayl. They proceeded north-east and circled over Shikka, Beirut, the sea and Baalbek before leaving at 1130 hours over Alma al-Sha'b.
	0935	Two Israeli enemy warplanes violated Lebanese airspace, entering over Kafr Kila, and circled over all regions of Lebanon before leaving at 1140 hours over Alma al-Sha'b.
	0936	An Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 0937 hours.
	0938	An Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 0942 hours.
	1005	Two Israeli enemy warplanes violated Lebanese airspace, entering over the sea off Batrun. They proceeded east and circled over Shikka, Beirut and Baalbek before leaving at 1140 hours over Alma al-Sha'b.
	1046	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1127 hours.

Date	Time	Type of violation
	2200	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2205 hours.
6 September	0201	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0604 hours.
	0544	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0633 hours.
	0615	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South before leaving at 1145 hours over Kafr Kila.
	0632	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1222 hours.
	0650	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South before leaving at 1640 hours over Naqurah.
	0655	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1010 hours.
	0935	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1045 hours.
	0945	Two Israeli enemy warplanes violated Lebanese airspace, entering over the sea off Jubayl, and circled over Baalbek-Hirmil and Jubayl before leaving at 1105 hours over Naqurah.
	1000	Four Israeli enemy warplanes violated Lebanese airspace, entering over the Shab'a Farms, and circled over the South and Juniyah before leaving at 1135 hours over Alma al-Sha'b.
	1005	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1109 hours.
	1012	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1824 hours.
	1015	Four Israeli enemy warplanes violated Lebanese airspace, entering over the Shab'a Farms, and circled over the South and the Shuf before leaving at 1105 hours over Naqurah.
	1031	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1044 hours.
	1104	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1113 hours.
	1115	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1752 hours.

Date	*Time*	*Type of violation*
	1120	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1716 hours.
	1203	An Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 1204 hours.
	1245	An Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 1248 hours.
	1727	Two Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 1737 hours.
	1729	Two Israeli enemy aircraft violated Lebanese airspace and circled over the South before leaving at 1739 hours.
	2318	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2336 hours.
7 September	0003	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South, Juniyah, Tripoli, Baalbek and Riyaq before leaving at 1235 hours over Naqurah.
	0352	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0602 hours.
	0649	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1805 hours.
	0658	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1225 hours.
	0659	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1251 hours.
	0709	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1419 hours.
	0425	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South, Riyaq, Baalbek, Hirmil and Akkar before leaving at 1305 hours over Naqurah.
	1034	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1538 hours.
	1200	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1226 hours.
	2000	An Israeli enemy Bombardier (observation balloon) was seen over the towns of Sa'idah and Kafr Dan and the highlands of Taraya town.
8 September	0610	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0840 hours.

Date	Time	Type of violation
	0656	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1617 hours.
	0706	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2047 hours.
	0740	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b, and circled over the South and the Western Bekaa before leaving at 1355 hours over Rumaysh.
	0800	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1355 hours.
	0845	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 0847 hours.
	0845	Two Israeli enemy warplanes violated Lebanese airspace, entering over west Jubayl. They proceeded north and circled over the sea between Tripoli and Juniyah, and then over Shikka, Juniyah, Riyaq and Hirmil, before leaving at 1020 hours over the sea west of Naqurah.
	0850	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 0855 hours.
	0850	Two Israeli enemy warplanes violated Lebanese airspace, entering over Kafr Kila. They proceeded north and circled over Shikka, Juniyah, Riyaq and Hirmil, and then over all regions of Lebanon, before leaving at 1035 hours over Kafr Kila.
	0905	Two Israeli enemy warplanes violated Lebanese airspace, entering over west Jubayl. They proceeded east and circled over Shikka, Juniyah, Riyaq and Baalbek before leaving at 1020 hours over the sea west of Naqurah.
	0950	Four Israeli enemy warplanes violated Lebanese airspace, entering over the sea west of Naqurah. They proceeded north and circled over Shikka, Juniyah, Riyaq and Hirmil before leaving at 1035 hours over the sea west of Naqurah.
	1005	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1008 hours.
	1025	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1030 hours.
	1113	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1359 hours.
	1130	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1135 hours.

Date	*Time*	*Type of violation*
9 September	0748	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1720 hours.
10 September	0630	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1720 hours.
	1716	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2020 hours.
11 September	0939	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1402 hours.
	0953	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1438 hours.
	2110	An Israeli enemy Bombardier (observation balloon) was seen over the town of Nahlah.
12 September	0733	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1909 hours.
	0739	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1624 hours.
	1021	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1115 hours.
	1022	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1027 hours.
	1045	Four Israeli enemy warplanes violated Lebanese airspace, entering over the sea off Jubayl, and circled over all regions of Lebanon before leaving at 1135 hours over the sea off Naqurah.
	1100	An Israeli enemy Bombardier (observation balloon) was seen at low altitude over the highlands of Hirmil and Arsal towns, as well as over the Anti-Lebanon Mountains.
13 September	1118	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1802 hours.
	1124	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1616 hours.
	1150	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1609 hours.
	2000	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 2009 hours.
	2050	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 2058 hours.

Date	*Time*	*Type of violation*
15 September	0830	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0832 hours.
	1020	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1357 hours.
	1158	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1355 hours.
	1845	An Israeli enemy Bombardier (observation balloon) was seen over the Jubb al-Suwayd region, on the outskirts of Haniyah town.
	1928	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1929 hours.
	1947	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1948 hours.
	1950	An Israeli enemy Bombardier (observation balloon) was seen over the towns of Nahlah, Tamnin, Sir`ayn, Hilaniyah and Ali al-Nahrayn.
	2000	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 2005 hours.
	2150	An Israeli enemy warplane violated Lebanese airspace and circled over Naqurah before leaving at 2151 hours.
16 September	0030	An Israeli enemy Bombardier (observation balloon) committed a violation over Naqurah and circled over the North before leaving over Alma al-Sha`b.
	1011	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1049 hours.
	1012	Ten Israeli enemy warplanes violated Lebanese airspace, entering over Alma al-Sha`b. They proceeded towards the Bekaa and circled between the Bekaa, the North and Juniyah before leaving at 1045 hours over the sea off Naqurah.
	1013	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1015 hours.
	1017	Two Israeli enemy warplanes violated Lebanese airspace, entering over the sea west of Jubayl. They proceeded east and circled between the Bekaa, the North and Juniyah before leaving at 1045 hours over the sea off Naqurah.
	1022	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1023 hours.

Date	*Time*	*Type of violation*
	1045	Two Israeli enemy warplanes violated Lebanese airspace, entering over the sea west of Sidon. They proceeded east and circled over all regions of Lebanon before leaving at 1150 hours over the sea off Naqurah.
	1114	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1431 hours.
	1131	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1417 hours.
	1200	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1439 hours.
	1425	Four Israeli enemy warplanes violated Lebanese airspace, entering over Kafr Kila. They proceeded north and circled over Beirut and the South before leaving at 1505 hours over Naqurah.
	1426	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1453 hours.
	1441	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1455 hours.
	1521	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1801 hours.
	1523	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2158 hours.
	1528	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1634 hours.
	1531	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1925 hours.
	1848	An Israeli enemy Bombardier (observation balloon) committed a violation and circled over the town of Haniyah.
	1945	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1958 hours.
	1950	An Israeli enemy Bombardier (observation balloon) was seen over the towns of Nahlah, Tamnin, Sir'ayn, Halaniyah and Ali al-Nahrayn.
	2010	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the North before leaving at 0030 hours on 17 September over Alma al-Sha'b.
17 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0020 hours.

Date	*Time*	*Type of violation*
18 September	2040	An Israeli enemy Bombardier (observation balloon) was seen over the Usayrah neighbourhood of Baalbek town.
19 September	0713	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1232 hours.
	0730	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South, Riyaq and Baalbek before leaving at 1235 hours.
	0750	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1230 hours.
	0812	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2332 hours.
	1034	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1136 hours.
	1035	Two Israeli enemy warplanes violated Lebanese airspace, entering over Kafr Kila, and circled over all regions of Lebanon before leaving at 1220 hours over Kafr Kila.
	1154	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1827 hours.
	1220	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1225 hours.
	1258	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2359 hours.
	1315	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1930 hours.
	1825	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1900 hours.
	2228	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 2358 hours.
20 September	0609	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1239 hours.
	0805	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1010 hours.
	0815	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b. It proceeded north and circled over the South and then Beirut before leaving at 1910 hours over Naqurah.
	0817	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1905 hours.

Date	*Time*	*Type of violation*
	1023	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1032 hours.
	1025	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1046 hours.
	1051	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1057 hours.
	1135	Two Israeli enemy warplanes violated Lebanese airspace, entering over Naqurah. They proceeded north and circled over Beirut and the South before leaving at 1300 hours over the sea west of Naqurah.
	1137	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 1256 hours.
	1236	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1450 hours.
	1247	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1939 hours.
	1726	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1859 hours.
	1954	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1959 hours.
	2109	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2350 hours.
21 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0044 hours.
	0224	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0423 hours.
	0707	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1210 hours.
	0708	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1159 hours.
	0720	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Rumaysh, and circled over the South and Beirut before leaving at 1210 hours over Naqurah.
	0802	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1941 hours
	0803	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1903 hours.

Date	*Time*	*Type of violation*
	0806	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2006 hours.
	0810	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over Riyaq, Baalbek and Hirmil before leaving at 2015 hours over Naqurah.
	1315	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1648 hours.
22 September	0001	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0154 hours.
	0651	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1107 hours.
	0705	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b. It proceeded north as far as Jazin and circled over the South before leaving at 1130 hours over Rumaysh.
	0753	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1052 hours.
23 September	0655	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1815 hours.
	0656	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2254 hours.
	0750	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north and circled over the South and Iqlim al-Kharrub before leaving at 1900 hours over Yarun.
	0844	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1324 hours.
	1130	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over the sea west of Naqurah. It proceeded north and circled between Sidon and Tyre at a distance of eight miles from the coast before leaving at 1235 hours over the sea off Naqurah.
	1335	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1801 hours.
	1623	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1800 hours.
	2040	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2055 hours.
	2145	An Israeli enemy Bombardier (observation balloon) was seen over the towns of Kanisah, Dayr al-Ahmar, Bawadi and Yammunah.

Date	*Time*	*Type of violation*
24 September	0129	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 0131 hours.
	0835	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1458 hours.
	0900	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1255 hours.
	1058	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over the sea off Naqurah, and circled over Tyre and Beirut before leaving at 1230 hours over the sea off Naqurah.
	1327	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1331 hours.
	1335	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Alma al-Sha'b, and circled over the southern regions before leaving at 1525 hours over Naqurah.
25 September	0736	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0821 hours.
	1206	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1609 hours.
	1300	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1314 hours.
	1445	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South, Beirut, Shikka and Qali'at before leaving at 0315 hours on 26 September over Rumaysh.
	1449	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2107 hours.
	1658	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1828 hours.
	2110	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2204 hours.
26 September	0336	Two Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0421 hours.
	0359	Two Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0445 hours.
	0744	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0803 hours.

Date	*Time*	*Type of violation*
	0745	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north and circled over Jubb Janin, Riyaq and Baalbek and then over the southern regions before leaving at 1930 hours over Rumaysh.
	0800	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1910 hours.
	0930	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1308 hours.
	0938	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1901 hours.
	1420	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1916 hours.
	1850	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1914 hours.
27 September	0145	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0157 hours.
	0625	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0635 hours.
	0645	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1902 hours.
	0715	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the southern regions before leaving at 1910 hours over Naqurah.
	0752	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1206 hours.
	0757	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1502 hours.
	0800	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the southern regions before leaving at 1910 hours over Naqurah.
	0812	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1123 hours.
	0918	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 0920 hours.
	1138	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1313 hours.

Date	*Time*	*Type of violation*
	1149	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2300 hours.
	1431	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1433 hours.
	1837	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2045 hours.
	1913	An Israeli enemy warplane violated Lebanese airspace and then left at 1920 hours.
	2030	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over the sea off Naqurah, and circled over the sea off Sidon and Tyre before leaving at 2105 hours over the sea off Naqurah.
	2030	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Yarun, and circled over Iqlim al-Kharrub and the South before leaving at 2315 hours over Alma al-Sha'b.
	2237	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2354 hours.
	2330	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2352 hours.
28 September	0010	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 0011 hours.
	0237	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0336 hours.
	0636	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 0940 hours.
	0710	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1856 hours.
	0723	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1856 hours.
	0937	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South before leaving at 1145 hours over Naqurah.
	0938	Two Israeli enemy warplanes violated Lebanese airspace and circled over the South before leaving at 0940 hours.
	0938	Four Israeli enemy warplanes violated Lebanese airspace, two of them over Kafr Kila and two over Alma al-Sha'b, and circled over all regions of Lebanon before leaving at 1025 hours over the sea off Naqurah.

Date	*Time*	*Type of violation*
	0946	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2138 hours.
	1033	Two Israeli enemy warplanes violated Lebanese airspace, entering over Kafr Kila, and circled over the South before leaving at 1140 hours over Rumaysh.
	1034	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1137 hours.
	1036	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1041 hours.
	1047	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1114 hours.
	1100	An Israeli enemy warplane violated Lebanese airspace and circled over the South before leaving at 1101 hours.
	1131	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1132 hours.
	1140	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1141 hours.
	1203	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over Riyaq, Baalbek and the North before leaving at 0122 hours on 29 September over Kafr Kila.
	1654	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1936 hours.
	2104	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2127 hours.
29 September	0507	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0513 hours.
	0733	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah. It proceeded north as far as Tyre and circled over the South, and then between the Western Bekaa and the South, before leaving at 1850 hours over Rumaysh.
	0809	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1417 hours.
	1050	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1841 hours.
	1155	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Kafr Kila. It proceeded north and circled over Riyaq, Baalbek and Hirmil before leaving at 1530 hours over Kafr Kila.

Date	*Time*	*Type of violation*
	1330	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1336 hours.
	1514	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1532 hours.
	2221	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 2355 hours.
30 September	0111	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0122 hours.
	0137	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 0201 hours.
	0859	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1511 hours.
	1450	An Israeli enemy reconnaissance aircraft violated Lebanese airspace, entering over Naqurah, and circled over the South before leaving at 0740 hours on 1 October over Naqurah.
	1453	An Israeli enemy reconnaissance aircraft violated Lebanese airspace and circled over the South before leaving at 1951 hours.

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Security Council

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Note by the President of the Security Council

At its 6335th meeting, held on 9 June 2010 in connection with the item on non-proliferation, the Security Council adopted resolution 1929 (2010).

In paragraph 4 of the resolution, the Security Council requested the Director General of the International Atomic Energy Agency (IAEA) to communicate to the Security Council all his reports on the application of safeguards in the Islamic Republic of Iran.

Accordingly, the President herewith circulates the report dated 23 November 2010 from IAEA (see annex).

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Annex

Letter dated 23 November 2010 from the Director General of the International Atomic Energy Agency to the President of the Security Council

I enclose herewith the report requested by the Security Council in resolution 1929 (2010), which I have submitted today to the Board of Governors of the International Atomic Energy Agency (see enclosure).

I should be grateful if you would bring this letter and the enclosed report to the attention of all members of the Security Council.

(*Signed*) Yukiya **Amano**

Enclosure

GOV/2010/62
23 November 2010

Implementation of the NPT Safeguards Agreement and relevant provisions of Security Council resolutions in the Islamic Republic of Iran

Report by the Director General

1. This report of the Director General to the Board of Governors and, in parallel, to the Security Council, is on the implementation of the NPT Safeguards Agreement and relevant provisions of Security Council resolutions in the Islamic Republic of Iran (Iran);[1] it includes developments since the last report was issued in September 2010.[2]

A. Enrichment Related Activities

2. Contrary to the relevant resolutions of the Board of Governors and the Security Council, Iran has not suspended its enrichment related activities.

A.1. Natanz: Fuel Enrichment Plant and Pilot Fuel Enrichment Plant

3. **Fuel Enrichment Plant (FEP):** There are two cascade halls at FEP: Production Hall A and Production Hall B. According to the design information submitted by Iran, eight units are planned for Production Hall A, with 18 cascades in each unit. No detailed design information has been provided for Production Hall B.

4. On 5 November 2010, 54 cascades had been installed in three of the eight units in Production Hall A, 29 of which were being fed with UF_6.[3,4] Initially, each installed cascade comprised 164 centrifuges. Iran recently modified six of the cascades to contain 174 centrifuges each. To date, all the centrifuges installed are IR-1 machines. Installation work in the remaining five units was ongoing but no centrifuges had been installed. As of 5 November 2010, there had been no installation work in Production Hall B.

5. Taking into account new information provided by Iran,[5] including a revised estimate of the hold-up of nuclear material, the Agency has now completed its evaluation of the nuclear material balance for the period 18 November 2008 to 22 November 2009, and has concluded that the results are within the measurement uncertainties normally associated with a facility of this type.

6. Between 16 and 27 October 2010, the Agency conducted a physical inventory verification (PIV) at FEP and verified that, as of 17 October 2010, 34 737 kg of natural UF_6 had been fed into the cascades since the start of operations in February 2007, and a total of 3135 kg of low enriched UF_6 had been produced. Based on Iran's

[1] The United Nations Security Council has adopted the following resolutions on Iran: 1696 (2006), 1737 (2006), 1747 (2007), 1803 (2008), 1835 (2008) and 1929 (2010).
[2] GOV/2010/46 (6 September 2010) (see S/2010/465).
[3] On 5 November 2010, the 54 installed cascades contained 8426 centrifuges. The 29 cascades being fed with UF_6 on that date contained a total of 4816 centrifuges, some of which were possibly not being fed with UF_6.
[4] On 16 November 2010, no cascades were being fed with UF_6. On 22 November 2010, Iran informed the Agency that 28 cascades were being fed with UF_6.
[5] GOV/2010/46, para. 5.

declaration, the Agency has calculated that the average U-235 enrichment level of the UF_6 product is 3.37%. The results of analysis of the samples taken by the Agency from the low enriched UF_6 product during the PIV are not yet available. The Agency is continuing with its overall assessment of the PIV.[6]

7. Iran has estimated that, between 18 October 2010 and 31 October 2010, it produced an additional 48 kg of low enriched UF_6, which would result in a total production of 3183 kg of low enriched UF_6 since February 2007. The nuclear material at FEP (including the feed, product and tails), as well as all installed cascades and the feed and withdrawal stations, are subject to Agency containment and surveillance.[7]

8. As of 16 June 2010, based on the results of the analysis of environmental samples taken at FEP since February 2007 and other verification activities, the Agency concluded that the facility has operated as declared by Iran in the Design Information Questionnaire (DIQ).

9. **Pilot Fuel Enrichment Plant (PFEP):** PFEP is a research and development (R&D) facility and a pilot, low enriched uranium (LEU) production facility which was first brought into operation in October 2003. It has a cascade hall that can accommodate six cascades. Cascades 1 and 6, each of which comprises 164 centrifuges, are designated for the production of LEU enriched up to 20% U-235. The other part of the cascade hall is designated as an "R&D area".

10. In the R&D area, between 21 August 2010 and 19 November 2010, a total of approximately 138 kg of natural UF_6 was fed into a 20-centrifuge IR-4 cascade, a 20-centrifuge IR-2m cascade and single IR-1, IR-2m and IR-4 centrifuges. In this area, no LEU is withdrawn because the product and the tails of this R&D activity are recombined at the end of the process.

11. In the production area, Iran began feeding low enriched UF_6 into Cascade 1 on 9 February 2010, for the stated purpose of producing UF_6 enriched up to 20% U-235 for use in the manufacture of fuel for the Tehran Research Reactor (TRR). Since 13 July 2010, Iran has been feeding low enriched UF_6 into the two interconnected cascades (Cascades 1 and 6).[8]

12. Between 18 and 29 September 2010, the Agency conducted a PIV at PFEP and verified that, as of 18 September 2010, 352 kg of low enriched UF_6 had been fed into the cascade(s) since 9 February 2010, and that a total of 25.1 kg of UF_6 enriched up to 20% U-235 had been produced. Iran declared that the enrichment level of the UF_6 product was 19.89%. The Agency is continuing with its assessment of the PIV.[9]

13. Iran has estimated that, between 19 September 2010 and 19 November 2010, a total of 62.5 kg of UF_6 enriched at FEP was fed into the two interconnected cascades and that approximately 7.8 kg of UF_6 enriched up to 20% U-235 was produced. This would result in a total of approximately 33 kg of UF_6 enriched up to 20% U-235 having been produced since the process began in February 2010.

14. As of 12 July 2010, based on the results of the analysis of the environmental samples taken at PFEP and other verification activities, the Agency concluded that the facility has operated as declared by Iran in the DIQ.

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[6] GOV/2010/46, para. 6.

[7] In line with normal safeguards practice, small amounts of nuclear material at the facility (e.g. some waste and samples) are not under containment and surveillance.

[8] GOV/2010/28, para. 9.

[9] Non-destructive assay measurements by the Agency of the UF_6 product indicated an enrichment of 19.94% U-235. The results of destructive analysis of the UF_6 product samples are not yet available.

A.2. Qom: Fordow Fuel Enrichment Plant

15. In September 2009, Iran informed the Agency that it was constructing the Fordow Fuel Enrichment Plant (FFEP), located near the city of Qom. In its DIQ of 10 October 2009, Iran stated that the purpose of the facility was the production of UF_6 enriched up to 5.0% U-235, and that the facility was being built to contain 16 cascades, with a total of approximately 3000 centrifuges.[10]

16. In a letter dated 26 September 2010, Iran provided the Agency with a revised DIQ in which Iran stated that the purpose of FFEP was now to include R&D as well as the production of UF_6 enriched up to 5.0% U-235. The lay-out of the facility is being changed to a new configuration consisting of 12 cascades for production purposes and four cascades for R&D purposes. In a letter dated 10 November 2010, the Agency provided Iran with comments on the DIQ and requested further clarification of the new purpose and configuration of FFEP.

17. As previously reported, in Iran's initial declaration regarding the purpose of FFEP, contained in a letter dated 2 December 2009, Iran stated that, "The location [near Qom] originally was considered as a general area for passive defence contingency shelters for various utilizations. Then this location was selected for the construction of [the] Fuel Enrichment Plant in the second half of 2007".[11] The Agency has asked Iran on a number of occasions, most recently in the aforementioned letter of 10 November 2010, to provide additional information regarding the chronology of the design and construction of FFEP, as well as its original purpose.[12] The Agency has, on several occasions, also requested access to companies involved in the design and construction of FFEP. The Agency informed Iran that it had received extensive information from a number of sources alleging that design work on the facility had started in 2006.[13] Iran has stated that there are "no legal bases" upon which the Agency can request information on the chronology and purpose of FFEP, and that the Agency is "not mandated to raise any question beyond the Safeguards Agreement".[14] In a letter of 16 November 2010, Iran said that its statements concerning the chronology and purpose of FFEP should be considered "as a fact" by the Agency, and that the Agency's request to have access to companies involved in the design of the facility and to further design documents was not only not in accordance with the Safeguards Agreement but was also "beyond the Additional Protocol". The Agency considers that the questions it has raised are within the terms of the Safeguards Agreement, and that the information requested is essential for the Agency to verify the chronology and original purpose of FFEP to ensure that the declarations of Iran are correct and complete.[15]

18. The Agency has verified that the construction of the facility is ongoing. As of 14 November 2010, no centrifuges had been introduced into the facility. The results of the environmental samples taken at FFEP up to February 2010 did not indicate the presence of enriched uranium.[16]

A.3. Other Enrichment Related Activities

19. The Agency is still awaiting a substantive response from Iran to Agency requests for further information in relation to announcements made by Iran concerning the construction of ten new uranium enrichment facilities, the sites for five of which, according to Iran, have been decided, and the construction of one of which

[10] GOV/2009/74, para. 9.
[11] GOV/2010/10, para. 15.
[12] GOV/2010/10, paras. 14–16.
[13] GOV/2010/10, para. 15.
[14] INFCIRC/797, para. 4.
[15] GOV/2010/10, para. 14.
[16] The results did show a small number of particles of depleted uranium (see GOV/2010/10, para. 17).

will begin by the end of the current Iranian year (20 March 2011) or the start of the next year.[17,18] Iran has not provided further information, as requested by the Agency, in connection with its announcement on 7 February 2010 that it possessed laser enrichment technology,[19] and its announcement on 9 April 2010 regarding the development of third generation centrifuges.[20]

B. Reprocessing Activities

20. In a letter to the Agency dated 15 February 2008, Iran stated that it "does not have reprocessing activities". In that context, the Agency has continued to monitor the use of hot cells at TRR[21] and the Molybdenum, Iodine and Xenon Radioisotope Production (MIX) Facility.[22] The Agency carried out an inspection and design information verification (DIV) at TRR on 6 November 2010 and a DIV at the MIX Facility on 7 November 2010. With regard to the requirement in Security Council resolutions that Iran suspends its reprocessing activities, the Agency can confirm that there are no ongoing reprocessing related activities in Iran only with respect to the TRR and MIX facilities, and all other facilities to which the Agency has access, as Iran's Additional Protocol is not being implemented.

C. Heavy Water Related Projects

21. The Agency has been mandated by the Security Council to report to it on whether Iran has established full and sustained suspension of, inter alia, all heavy water related projects.[23] As indicated in the Director General's previous reports, the Agency has requested that Iran make the necessary arrangements to provide the Agency, at the earliest possible date, with access to: the Heavy Water Production Plant (HWPP); the heavy water stored at the Uranium Conversion Facility (UCF) for the taking of samples;[24] and any other location in Iran where projects related to heavy water are being carried out. The Agency, in a letter to Iran dated 2 November 2010, has again reiterated this request for access. In its reply dated 7 November 2010, Iran repeated its previous assertions that the Agency's requests had "no legal basis since they are not falling within Iran's Safeguards Agreement" and that the Agency's requests went beyond the relevant Security Council resolutions that "request only verification of suspension". Iran also stated that it had not suspended work on heavy water related projects. To date, Iran has not provided the requested access.

22. On 8 November 2010, the Agency carried out a DIV at the IR-40 reactor at Arak and observed no significant change since the Director General's last report. The Agency verified that construction of the facility was ongoing, with the civil construction of the buildings almost complete and some major equipment having been installed. This equipment includes the main crane in the reactor building and the pressurizer for the reactor cooling system. According to Iran, the operation of the IR-40 reactor is planned to commence in 2013. In the radiochemistry building, the concrete structure for the hot cells was ready, but no hot cell windows or manipulators were present.

[17] "Iran Specifies Location for 10 New Enrichment Sites", Fars News Agency, 16 August 2010.
[18] GOV/2010/46, para. 33.
[19] Cited on the website of the Presidency of the Islamic Republic of Iran, 7 February 2010, at http://www.president.ir/en/?ArtID=20255.
[20] GOV/2010/28, para. 18.
[21] TRR is a 5 MW reactor which operates with 20% U-235 enriched fuel and is used for the irradiation of different types of targets and for research and training purposes.
[22] The MIX Facility is a hot cell complex for the separation of radiopharmaceutical isotopes from targets, including uranium, irradiated at TRR. The MIX Facility is not currently processing any uranium targets.
[23] S/RES/1737 (2006), para. 23, S/RES/1747 (2007), para. 12, S/RES/1803 (2008), para. 18, and S/RES/1929 (2010), para. 36.
[24] GOV/2010/10, paras. 20 and 21.

23. Based on satellite imagery, the HWPP appears to be in operation.[25] However, without access to the HWPP, the Agency is unable to verify Iran's statement that it has not suspended work on heavy water related projects, contrary to relevant Security Council resolutions,[26] and therefore cannot report fully on this matter.

D. Uranium Conversion and Fuel Fabrication

24. On 10 November 2010, the Agency carried out a DIV at UCF. At that time, the plant was still undergoing maintenance. As no UF_6 has been produced at UCF since 10 August 2009, the total amount produced at UCF since March 2004 remains 371 tonnes (some of which has been transferred to FEP and PFEP), and remains subject to Agency containment and surveillance. During the DIV, the Agency observed that Iran had not yet begun the installation of equipment for the conversion of the UF_6 enriched up to 20% U-235 into U_3O_8, which would be required for the fabrication of fuel for TRR.[27]

25. On 9 November 2010, the Agency carried out an inspection and a DIV at the Fuel Manufacturing Plant and confirmed that Iran has not yet started to install equipment for TRR fuel fabrication.[28]

E. Other Activities

26. Iran provided a DIQ for the Bushehr Nuclear Power Plant (BNPP) in May 2000; the Agency has been conducting design verification at BNPP regularly since November 2000. On 26 November 2007, prior to the shipment of the fresh fuel for BNPP from the Russian Federation to Iran, the Agency verified and sealed the fuel.

27. In a letter dated 17 October 2010, Iran informed the Agency that it would commence the loading of fresh fuel into the reactor core on 25 October 2010. On 27 October 2010, the Agency confirmed that Iran had begun doing so. On 12 November 2010, the Agency confirmed that the core loading at BNPP had been completed and verified all fuel assemblies in the core. Containment and surveillance measures were put in place in order to maintain continuity of knowledge until the core is closed and sealed. The operational schedule of BNPP is not yet available to the Agency.

28. The Jabr Ibn Hayan Multipurpose Research Laboratory (JHL) is located at the Tehran Nuclear Research Centre and is a nuclear and non-nuclear chemistry research laboratory. On 7 November 2010, the Agency conducted a DIV at JHL, during which it confirmed that no experimental activities aimed at "studying the electrochemical behaviour of uranyl ion in ionic liquid" were taking place.[29]

29. Based on satellite imagery, the Agency assesses that activities involving the mining and concentration of uranium are continuing in the area of the Bandar Abbas Uranium Production Plant, and that construction activities are continuing at the Ardakan Yellowcake Production Plant and at the Saghand Uranium Mine.

F. Design Information

30. As explained in previous reports of the Director General, the modified Code 3.1 of the Subsidiary Arrangements General Part to Iran's Safeguards Agreement, as agreed to by Iran in 2003, remains in force.

[25] As previously indicated to the Board, in light of Iran's refusal to permit the Agency access to the HWPP, the Agency has had to rely solely on satellite imagery.
[26] S/RES/1737 (2006), para. 2(a), S/RES/1747 (2007), para. 1, S/RES/1803 (2008), para. 1, S/RES/1835 (2009), para. 1, and S/RES/1929 (2010), para. 6.
[27] GOV/2010/46, para. 25.
[28] GOV/2010/46, para. 26.
[29] GOV/2010/46, para. 28.

notwithstanding Iran's decision in 2007 to suspend its implementation.[30] Iran remains the only State with significant nuclear activities which has a comprehensive safeguards agreement in force that is not implementing the provisions of the modified Code 3.1. The Agency is still awaiting receipt from Iran of, inter alia, updated design information for the IR-40 reactor, and further information pursuant to statements it has made concerning the planned construction of new uranium enrichment facilities and the design of a reactor similar to TRR.[31]

G. Designation of Inspectors

31. As stated in the Director General's previous report, while acknowledging Iran's acceptance of the designation of five new inspectors (in letters from Iran to the Agency dated 14 April 2010 and 16 August 2010),[32] the Agency continues to request Iran to withdraw its objection to the designation of inspectors with experience in Iran's nuclear fuel cycle and facilities. In that respect, the Agency reiterates its request that Iran reconsider its decision of 16 January 2007 to request the Agency to withdraw the designation of 38 Agency inspectors and its requests (dating back to 2006) to withdraw the designations of four other inspectors with experience in conducting inspections in Iran.

H. Possible Military Dimensions

32. Previous reports by the Director General have detailed the outstanding issues related to possible military dimensions to Iran's nuclear programme and the actions required of Iran necessary to resolve those issues.[33] Since August 2008, however, Iran has declined to discuss the outstanding issues with the Agency or to provide any further information or access to locations and people necessary to address the Agency's concerns, asserting that the allegations relating to possible military dimensions to its nuclear programme are baseless and that the information to which the Agency is referring is based on forged documents.

33. Based on the Agency's analysis of all the information available to it, the Agency remains concerned about the possible existence in Iran of past or current undisclosed nuclear related activities involving military related organizations, including activities related to the development of a nuclear payload for a missile. There are indications that certain of these activities may have continued beyond 2004.[34]

34. As Iran has been informed previously, although most of the actions identified in the 2007 work plan agreed between Iran and the Agency (INFCIRC/711) have been completed, there remain issues that still need to be addressed.[35] According to the work plan, Iran was required to provide the Agency with its assessment of the documentation related to the alleged studies to which the Agency had provided Iran access. The Agency acknowledges receipt of Iran's 117-page assessment of May 2008, in which Iran asserted that the documentation was forged and fabricated. However, as the Agency considers this assessment to be focused on form rather than substance, it has on several subsequent occasions requested Iran to provide a substantive response. Iran has not yet done so. Moreover, based on the Agency's analysis of additional information which has come to its attention since August 2008,[36] there are further concerns which the Agency also needs to clarify with Iran. For these reasons the Agency is unable to consider the issue of the alleged studies as referred to in the work plan as being closed.

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[30] GOV/2010/10, paras. 28–30.
[31] GOV/2010/46, para. 32.
[32] GOV/2010/46, para. 37.
[33] GOV/2010/10, paras. 40–43.
[34] GOV/2010/46, para. 39.
[35] These were set out again in the letter to Iran dated 29 October 2010 referred to in paragraph 35.
[36] GOV/2010/10, para. 43.

35. In a letter dated 29 October 2010, the Agency provided Iran with a list of matters that remain to be addressed, including, inter alia: the project management structure of the alleged studies related to nuclear explosives; nuclear related safety arrangements for a number of the alleged projects; details of the manufacture of components for high explosives initiation systems; and experiments concerning the generation and detection of neutrons. As was pointed out to Iran in that letter, it is important to resolve all of the issues which have given rise to concerns about the possible military dimensions of Iran's nuclear programme.

36. It is essential that Iran engage with the Agency on these issues, and that the Agency be permitted to visit all relevant sites, have access to all relevant equipment and documentation, and be allowed to interview all relevant persons, without further delay. The passage of time and the possible deterioration in the availability of some relevant information increase the urgency of this matter. Iran's substantive and proactive engagement is essential to enable the Agency to make progress in its verification of the correctness and completeness of Iran's declarations.

I. Summary

37. While the Agency continues to verify the non-diversion of declared nuclear material in Iran, Iran has not provided the necessary cooperation to permit the Agency to confirm that all nuclear material in Iran is in peaceful activities.[37]

38. More specifically, Iran is not implementing the requirements contained in the relevant resolutions of the Board of Governors and the Security Council, including implementation of the Additional Protocol, which are essential to building confidence in the exclusively peaceful purpose of Iran's nuclear programme and to resolving outstanding questions. In particular, Iran needs to cooperate in clarifying outstanding issues which give rise to concerns about possible military dimensions to its nuclear programme, including by providing access to all sites, equipment, persons and documents requested by the Agency. Iran also needs to implement the modified Code 3.1 on the early provision of design information. The Agency acknowledges Iran's submission of a revised DIQ for FEEP and its advance notification to the Agency of the loading of fuel at the Bushehr Nuclear Power Plant.

39. In addition, contrary to the relevant resolutions of the Board of Governors and the Security Council, Iran has not suspended its enrichment related activities. Iran has continued with the operation of FEP and PFEP at Natanz, and has continued to produce UF_6 enriched up to 20% U-235 at PFEP. Iran has continued the construction of FFEP. In order to verify the chronology and original purpose of FFEP, Iran still needs to provide the Agency with access to relevant design documents and to companies involved in the design and construction of the plant. Iran has also announced that it has selected the venues for new enrichment facilities and that construction of one of these facilities will start around March 2011, but has not provided the Agency with the necessary design information and access in accordance with Iran's Safeguards Agreement and Subsidiary Arrangements.

40. Similarly, contrary to the relevant resolutions of the Board of Governors and the Security Council, Iran has also continued with the construction of the IR-40 reactor and with heavy water related activities. The Agency has not been permitted to take samples of the heavy water which is stored at UCF, and has not been provided with access to the HWPP. While the Agency can report that Iran has made statements to the effect

[37] The Board has confirmed on numerous occasions, since as early as 1992, that paragraph 2 of INFCIRC/153 (Corr.), which corresponds to Article 2 of Iran's Safeguards Agreement, authorizes and requires the Agency to seek to verify both the non-diversion of nuclear material from declared activities (i.e. correctness) and the absence of undeclared nuclear activities in the State (i.e. completeness) (see, for example, GOV/OR.864, para. 49). Paragraph 37 reflects the past and current implementation by Iran of its Safeguards Agreement and other obligations.

that it has not suspended those activities, without full access to the heavy water at UCF and the HWPP, the Agency is unable to verify such statements and therefore to report fully on this matter.

41. The Director General requests Iran to take steps towards the full implementation of its Safeguards Agreement and its other obligations, including implementation of its Additional Protocol.

42. The Director General will continue to report as appropriate.